

September 4, 1959

Chairman's Notes on Meeting of the Panel on Geophysics  
at the Air Weather Service

August 28-29, 1959

The Panel on August 28-29 at Scott Field, Illinois:

1. Met with General Bassett, General Petersen, Dr. Fletcher, and members of the Staff of the AWS. Present also were the Chief, USWB, and representatives of the Chief of Naval Operations, the FAA, AF-ARDC, AF-CRC, and Hq. USAF. (Absent members of the Panel: Holzer, Goldberg, Fultz, Rice, Stuhlinger, van Allen, Whipple, and Zmuda.)

2. Heard and discussed:

- (a) The functions and structure of the AWS
- (b) The relations between the AWS and the FAA and the USWB
- (c) The future observational program of the AWS
- (d) Soviet meteorological progress
- (e) Future requirements
- (f) Geophysics relation to Weapon System R&D
- (g) Air Force training of geophysicists
- (h) Meteorological research at University of Stockholm.

3. Reviewed the AN/AMQ-15 Weather-Recce System in considerable detail and inspected the airborne components and results obtained from actual flight tests to date by representatives of the Bendix Corporation.

4. Approved:

- (a) Resolution of training of geophysicists
- (b) Draft recommendations on AN-AMQ-15 for circulation to all members and consultants - comments on draft due to the Secretariat September 22, 1959.

5. Heard brief report from Wheelon and Smith on liaison attendance to Nuclear Panel, Arnold Engineering Center Proposed High Vacuum Laboratory, and the Guidance and Control Panel.

6. Deferred action on Wheelon's proposal re ionospheric layering for further discussion between Wheelon, Kellogg, and Kaplan.

7. Received Chairman's draft of suggestions for a general report from the Panel to chair SAB. Members and consultants to send the Chairman, as soon as practicable, any comments they may wish to make on: (a) desirability of making such a report before the end of 1959, and (b) substance of the report.

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8. Concluded, after hearing report from Chairman on his inquiry into plans for Project Willow, including communications with Professors Whipple and Siegel, that the Panel should not at this time concern itself with this matter.

9. Expressed concern on continuing need for closer collaboration at working levels between such groups as GRD and AWS.

10. Made no plans for future meetings, pending General SAB meeting at Orlando, October 20-28, with understanding that a meeting would be called by Chairman should it be required for any reason.

11. Expressed appreciation and commendation to General Bassett and his Command for the excellent and well selected presentations, and appreciation to Dr. Reichelderfer and to the representatives of the other agencies for their participation and contributions to the meeting of the Panel.

  
Paul A. Smith  
Chairman

PAS/bl

September 4, 1959

**MEMORANDUM FOR MEMBERS AND CONSULTANTS, PANEL ON GEOPHYSICS**

The attached draft\* is the one referred to in Item 7 of the Chairman's notes of the Panel meeting at Scott Field, August 28-29, 1959, for which comments are requested by the Chairman as soon as practicable. If it is desired by the Panel to produce such a report, I shall try to make another draft, incorporating the suggestions of members and consultants and consider at the next meeting the action that the Panel may wish to take. At that time, we should consider any specific recommendations for action by the Air Force. This draft is silent on specific recommendations, as it seemed best to get first the views of Panel members and consultants, including their own suggestions for recommendations.

I should also like to have the views of the Panel on the desirability of getting together for a short meeting at the time of the Orlando meeting of the full Scientific Advisory Board, October 26-28 to consider this and any of the other matters that are outstanding for action by the Panel.



Paul A. Smith  
Chairman

\*Attachment not included for those who  
received a copy at last Panel Meeting.